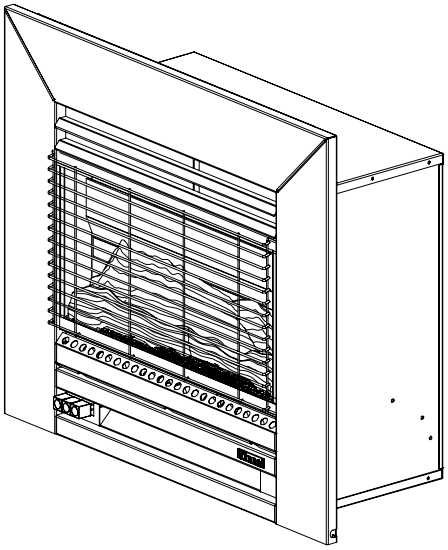
Rinnai

SLIMFIRE 25

FLAME FIRE

Customer Operation & Installation Manual



This appliance shall be installed in accordance with:

- **Manufacturers Installation Instructions**
- **Local Gas Fitting Regulations**
- **Municipal Building Codes**
- **A.G.A. Installation code AS 5601 'Gas Installations'**
- **Any other local relevant Statutory Regulation**

Installation & Service must be performed by an authorised person.

This heater is NOT designed to be built directly into a combustible opening.

For combustible opening installations, a Rinnai zero clearance kit is available from your gas appliance retailer.

The Australian Gas Association

Proudly a member of the A.G.A.
All of our gas products are A.G.A. tested and approved

N10378

Quality System

Quality Endorsed Company

ISO 9002 Lic 4983
Standards Australia

Head Office Certified

Distributed and serviced in Australia under a Quality System certified as complying with ISO 9002 by Standards Australia Quality Assurance Service

INSTALLER: MUST LEAVE THIS MANUAL WITH THE UNIT AFTER INSTALLATION
OWNER: RETAIN THIS MANUAL SAFELY, FOR FUTURE REFERENCE

LIMITED WARRANTY

As a purchaser of a high quality Rinnai product, we provide you with the following guarantee on your new Flame Fire Heater.

	Free Labour Period	Free Parts Period
FANS	**1 Year**	**2 Years**
HEAT EXCHANGER	**1 Year**	**10 Years Pro-Rata***
ALL Other parts	**1 Year**	**1 Year**

** Heat Exchanger full replacement parts costs in the first year, reducing 10% per year thereafter.*

The benefits conferred by this guarantee are in addition to all other rights and remedies in respect of the product which you have under the Trade Practices Act and other State and Territory Laws.

The appliance must be installed correctly, and the installation must conform to all local regulations.

The installation must also comply with the instructions supplied by Rinnai.

The appliance must be serviced by an authorised person.

No Parts or functions should be modified or permanently removed from the heater.

Please note: General cleaning, maintenance and wear and tear are not necessarily covered by guarantee. Calls of this nature may be chargeable.

Your Rinnai Space Heater has been approved by the Australian Gas Association, the AGA Approval Number is located on the data plate of the appliance.

Please keep these instructions in a safe place for future reference.

PLEASE RECORD BELOW:

Your Retailer: _____

NAME: _____

ADDRESS: _____

TELEPHONE: _____

Date of Purchase: _____ / _____ / _____

⚠ WARNING

IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

INSTALLATION AND SERVICE MUST BE PERFORMED BY AN AUTHORISED PERSON.

This manual applies to the following models only:

IBFBN/A	IBFSSN/A
IBFBL/A	IBFSSL/A

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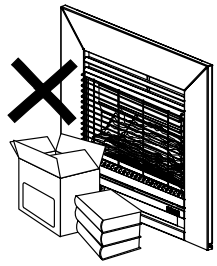
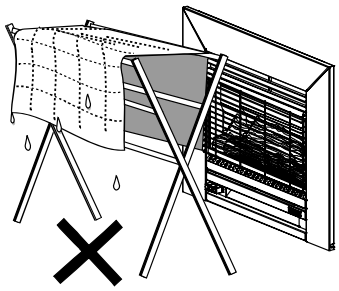
CUSTOMER INFORMATION - SAFETY POINTS

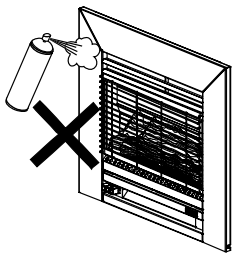
Do not restrict the warm air discharge by placing articles in front of the heater.



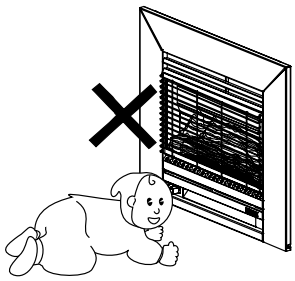
This appliance must not be used for any purpose other than heating.



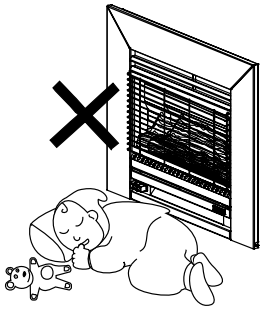
Do not spray aerosols whilst the heater is operating. Most aerosols contain butane gas, which can be a fire hazard if used near the heater when it is in use.



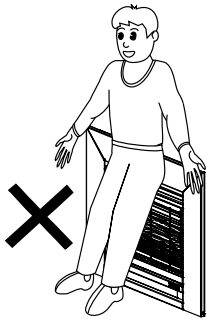
Young children should be supervised at all times. Hand or body contact with the louvres must be avoided.



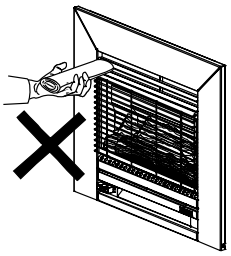
Do not allow young children or the infirm to sleep directly in front of the heater.



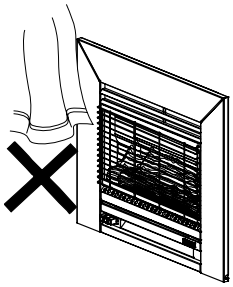
Do not allow anyone to sit on or lean against the appliance.



Do not allow anyone to post articles through the louvres.



Do not allow curtains or other flammable or combustible materials to come into contact with the heater.



DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.
DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILST IT IS IN OPERATION.

CUSTOMER INFORMATION - OPERATION

IMPORTANT: You must read and understand these instructions fully before operating the heater.

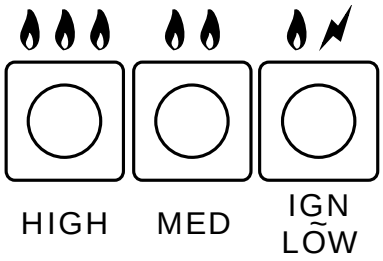
The controls are located on the lower left hand side of the heater.

- **Ignition**

Press the right hand control button firmly. This operates the built-in safety device and starts the electronic spark. The front burner and pilot will ignite. Check that the burner has lit and continue to hold the button down for up to 15 seconds. The spark will continue while the button is held down.

If the burner does not remain alight, push the button again and release it. This will return it to the 'OFF' position. Wait 30 seconds, then repeat the ignition procedure.

(The ignition button must be in the "OFF" position before attempting re-ignition).



- **To adjust the heat**

Press the control buttons in order from right to left, this will ignite additional burners as shown in diagram below.
There is no need to hold the buttons for 15 seconds when increasing the heat.

- **To turn the heater off**

Press and release the buttons in order from left to right until all 3 buttons are in the "OFF" (OUT) position. The fan will stop when the heater cools down.
Ensure all burners are extinguished.

- **Fan operation**

The fan will operate authomatically when the heater warms up, and will stop when the combustion chamber cools.

When the heater is on the 'high' setting the fan will operate on high speed when the heater is hot.

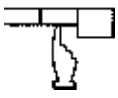
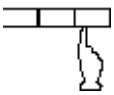
When the heater is on the 'low' or 'medium' heat setting, the fan will operate on slow speed when the heater is hot.

When the heater is on its lowest setting the fan may turn off as the heater cools and restart when warm again.

NOTE: If there is a power failure when the heater is in operation the overheat protection may shut off the gas to protect the heater. In the event of a power failure, turning the heater to its lowest setting may allow the heater to continue operating without overheating.

The fan will not work without electrical power.

The fan may continue to operate on slow speed when the burners have been extinguished until the heater cools down.

			Buttons	Fan	Burner pattern
1. Ignition / Low	7.7 MJ/h (NAT)	9 MJ/h (Propane)		Low	
2. Medium	14.2 MJ/h (NAT)	15.8 MJ/h (Propane		Low)	
3. High	25 MJ/h (NAT)	25 MJ/h (Propane)		High	

CUSTOMER INFORMATION - IMPORTANT POINTS

Before installing this product, please read this manual carefully.

Unpack the heater and check for damage. **DO NOT INSTALL DAMAGED HEATER.** If the heater is damaged, contact your supplier for advice. Before installing the heater, check the label for the correct gas type (see rating plate, front right hand side of bottom panel). Refer to local gas authority for confirmation of the gas type if you are in doubt.

Included in the carton

Customer operation information, roll of sealing foam, ceramic log set and granules.

IMPORTANT

Before using this product, please read this manual carefully to make sure of proper use of the product.
The user shall be advised that appliances incorporating a live fuel effect, and designed to operate with luminous flames, may exhibit slight carbon deposits.

1. The appliance must be installed in accordance with the local gas and electrical authority regulations.
2. For information on gas consumption, see data plate on the appliance.
3. Ensure that the area in which the appliance is installed has adequate fixed ventilation, this fixed ventilation must be provided as per AS5601.
4. DO NOT connect to an LPG/Propane Gas cylinder indoors.
5. This appliance must not be installed where curtains or other combustible materials could come into contact with it. In some cases curtains may need restraining.
6. This appliance is not designed to be built directly into a combustible opening.
7. Heater must not be located below a power socket-outlet.
8. The local gas and electrical authorities will be able to advise on local regulations.
9. Heat emanating from the front of this appliance may over time affect the appearance of some materials used for flooring such as carpet, vinyl, cork or timber. This effect may be amplified if the air in the room contains cooking vapours or cigarette smoke. To avoid this possibility, it is recommended that a mat be placed in front of the appliance, extending at least 750 mm in front of it.
10. The appliance is not intended for use by young children or infirm persons without supervision.
11. Young children should be supervised to ensure they do not play with the appliance.
12. If the supply cord, gas hose or glass are damaged or require replacing, they must be replaced by the manufacturer or the manufacturers agent or similarly qualified person in order to avoid a hazard.
13. Do not allow articles to be posted through the louvres or openings.
14. Do not spray aerosols near this heater whilst it is in use. Most aerosols contain butane gas which can be a fire hazard if used near this heater when in use. Use of aerosols, paint, polishes etc whilst this heater is in use may cause unpleasant smells.
15. Do not operate/install this heater in places where painting is taking place, or in places such as hair dressing salons, where there may be a lot of fluff and dust, and where aerosols are used.
16. Do not unplug the heater while it is still in operation or the fan is operating.
17. Do not turn off heater by unplugging it at the wall.
18. Do not place articles on or against this appliance.
19. Do not place clothes racks etc. directly in front of the heater.
20. Do not store flammable materials near the heater. Combustible materials must not be allowed where the heater could ignite them.
21. The heater may emit smoke when first started which may take up to 2 Hours to disappear. This is part of the burning in process and normal, ensure adequate ventilation during this period.
22. The guard is fitted to this appliance to reduce the risk of fire or injury from burns and no part of it should be permanently removed, for protection of young children or the infirm, this secondary guard is required.

CUSTOMER INFORMATION - SPECIFICATIONS

Model:	Slimfire IBFBN/A (NG) Slimfire IBFBL/A (Propane)
Description:	Inbuilt Radiant/Convector, glass fronted, ceramic log space heater with forced convection and natural draft flue system.
Output:	18 MJ/hr
Gas Control:	Push button combination control valve
Burners:	Ember bed and flame burner
Warm Air Discharge:	Top front louvres
Flue:	Natural draft rectangular flue
Ignition:	Electronic spark
Power Supply:	240 V 50 Hz
Rating Plate location:	Bottom panel, front right hand side
Weight:	39 Kgs.

CUSTOMER INFORMATION - TROUBLE SHOOTING

SYMPTOM	CAUSE	SOLUTION
Burner will not light	• No power present • No gas present • Power cut • Air in gas supply pipe • Ignition failure	• Ensure power cord is plugged in and turned on. • Ensure gas supply is turned on. • Re-ignite when power has been restored. • Purge air (installer). • Repeat lighting procedure (refer page 2)
Smell of gas	• Leaking gas	• Turn off gas at meter or LPG / Propane cylinder and call installer.
Fan not working	• Heat Switch not activated • No power present	• Allow heater to run on 'high' for about 5 minutes. • Ensure power cord is plugged in and turned on. • Check power supply.
Small soot deposits	• Normal operation	• No action required.
Severe soot deposits forming on logs or glass	• Inadequate flue system • Incorrect gas pressure • Log misalignment	• Call Rinnai Service Department / Agent.
Condensation on glass	• Normal operation	• Allow heater to warm up.
Streaky lines on glass	• Normal operation	• Call Rinnai Service Department / Agent.

- **NOTE:**

If you have any other faults or problems, please refer to your installer or a Rinnai Customer Care Centre Consultant on 1300 366 388.

- **IMPORTANT:**

Do not remove any panels or attempt to carry out any service work other than that mentioned in the trouble shooting chart.

- **SERVICE:**

Rinnai has a service and spare parts network with personnel who are fully trained and equipped to give the best service on your Rinnai appliance.

If your appliance needs service, please ring one of the service contact numbers located on the back of this instruction booklet.

Rinnai recommends that this appliance should be serviced annually by a qualified service technician, including inspection of the flue system.

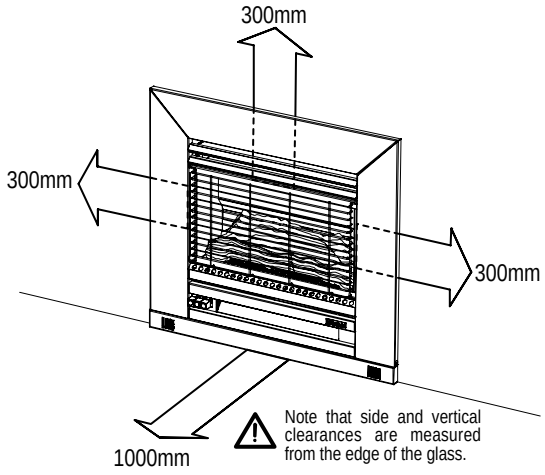
INSTALLERS INFORMATION - LOCATION

The following pages contain information relating to Installation and Service. Installation and Service must be carried out by an authorised person only.

When positioning the heater, the main points governing the location are:

1. Flue connection and terminal to comply with AS5601.
2. Warm air distribution
3. Ensure that the area in which the appliance is installed has adequate fixed ventilation, this fixed ventilation must be provided as per AS5601 Clause 5.4 to 5.4.5.
4. The heater must not be installed where curtains or other combustible materials could come into contact with it. In some cases, curtains may need restraining.

See below for minimum clearances required.



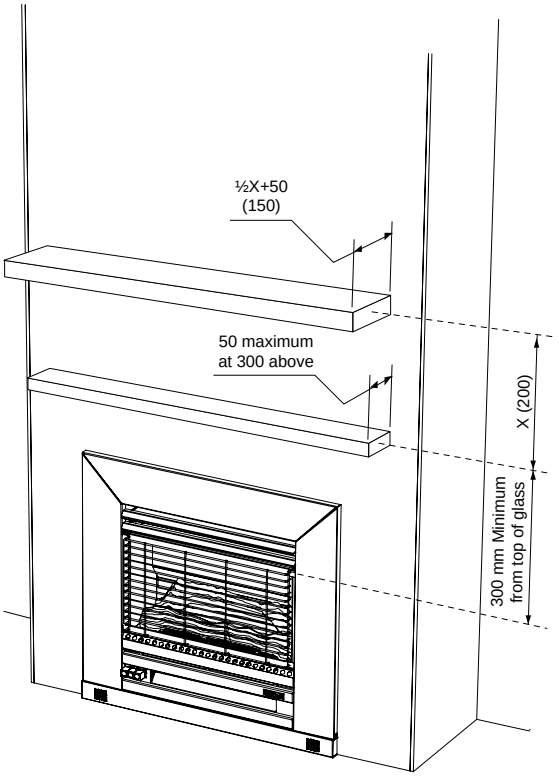
5. The heater is not designed to be built into bookcases or shelves or any combustible opening.
6. This heater must be mounted on a hearth not less than 50mm thick and at least the width and depth of the heater.
7. A gas appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance.
8. Before installing the heater, inspect the chimney, flue piping and/or solid fuel burning fire place and remove any combustible materials.
9. This heater must be mounted on a hearth not less than 50mm thick and at least the width and depth of the heater.
10. A gas appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance.
11. Before installing the heater, inspect the chimney, flue piping and/or solid fuel burning fire place and remove any combustible materials.
12. A zero clearance kit is available from your gas appliance retailer for installations into a combustible enclosure.

- **Mantles**

A mantle is allowable providing that it is outside the minimum clearances and the distance it protrudes is no more than half the distance it is above the heater.

See diagram below.

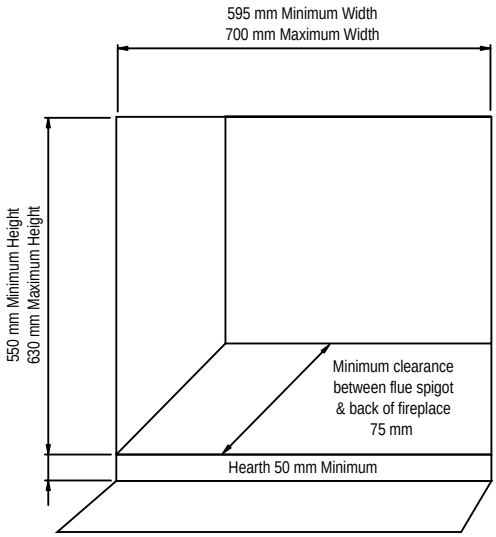
(Example dimensions shown in brackets).



Installation in a Fireplace

1. Check Dimensions of Fireplace

- Check dimensions of fireplace and if necessary bring them to the dimensions shown.
- If the fireplace opening is larger than the heater, a 100mm wide decorative surround Part no. for the External top panel FLFRSEXT (Black only) and are available from your local gas appliance retailer.



2. Check conditions of fireplace/chimney

The chimney must be physically checked first and must meet the following set criteria along with local regulations. Failure to meet these criteria will not only void the product warranty but may affect the performance of the product.

a): All loose/broken bricks must be replaced or repaired ensuring the chimney is of sound construction and does not leak.

b): Any under floor air supply to the fireplace must be completely sealed off to prevent secondary air draw.

c): Total flue length MUST NOT be less than 3 metres and flue cowl must terminate above the chimney in accordance with AS5601.

d): The chimney must be swept clean and be free of soot and creosote that may have built up if previously used for a solid fuel fire.

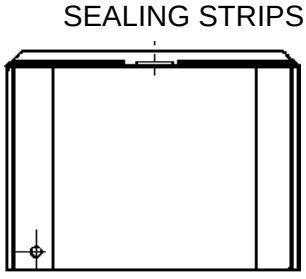
e): The hearth surface must be flat and level to support the entire heater. If the heater is not properly supported noise and vibration may result.

3. Install Flue

For installations into a masonry fireplace a Rinnai Flexible Flue system is required. Rinnai rigid flame fire flueing is not suitable. Assemble and connect flue in accordance with the instructions supplied with the flue kit, please refer to the detailed instructions which are included in the Flexliner Flue Kit.

4. Apply sealing strips to back of heater

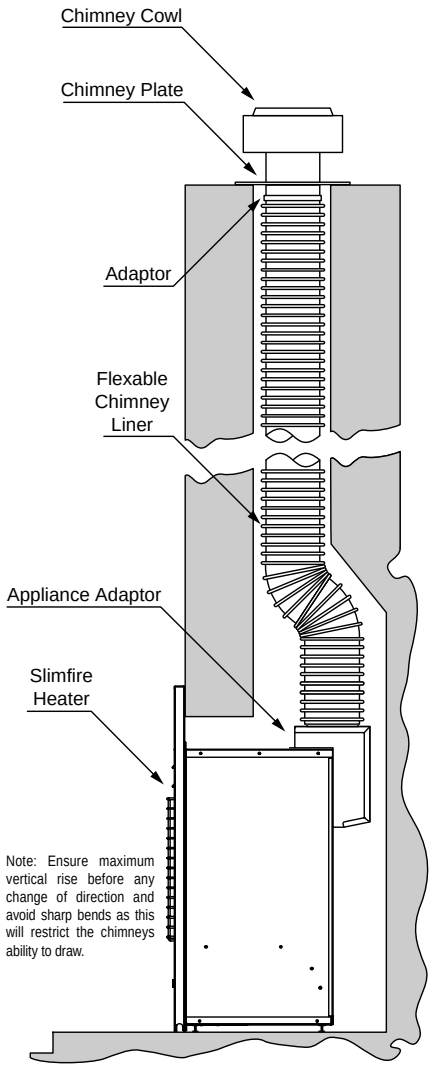
- Peel protective backing off the foam strips supplied with the Heater.
- Attach strips to rear of casing as shown. The strip is intended to form a seal between the heater and the fireplace.
- If an adequate seal cannot be formed with this strip an other means of sealing must be used. (eg.non combustible insulation), between the fireplace and the heater body.



Rear View

Flueing in a fireplace using a Flexliner flueing kit.

Installation with a flue liner is required when a chimney will no longer substitute as a flue, such as when leakage is found during the smoke test, or where the chimney height is inadequate. Refer to Rinnai Flueing Instructions.

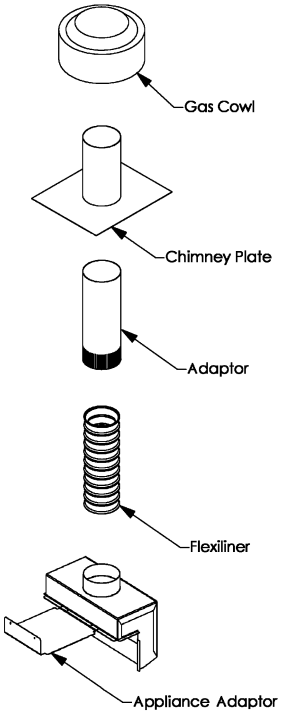

Chimney Cowl
Chimney Plate
Adaptor
Flexable Chimney Liner
Appliance Adaptor
Slimfire Heater
Note: Ensure maximum vertical rise before any change of direction and avoid sharp bends as this will restrict the chimneys ability to draw.

Flexliner Slimfire Flue Kit

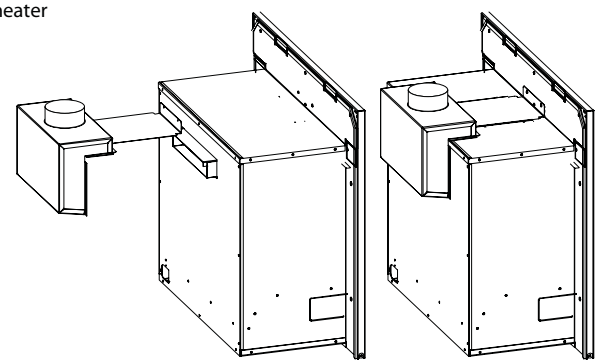
Order code: **FLEXLINER03**

Contains:
- 1 x Chimney Cowl & Adaptor
- 1 x Chimney Plate
- 1 x Flexible Chimney Liner (extendable to 5.0 metres)
- 1 x Flue Adaptor
- 1 x Appliance Adaptor

If the chimney height excedes 5.0 metres, use Voumard 900 x 100 snap-lock flue (code: 72-0583) to extend to the desired length.



Fitting of the Appliance Adaptor to the heater



INSTALLATION INTO A COMBUSTIBLE OPENING

Zero Clearance Installations

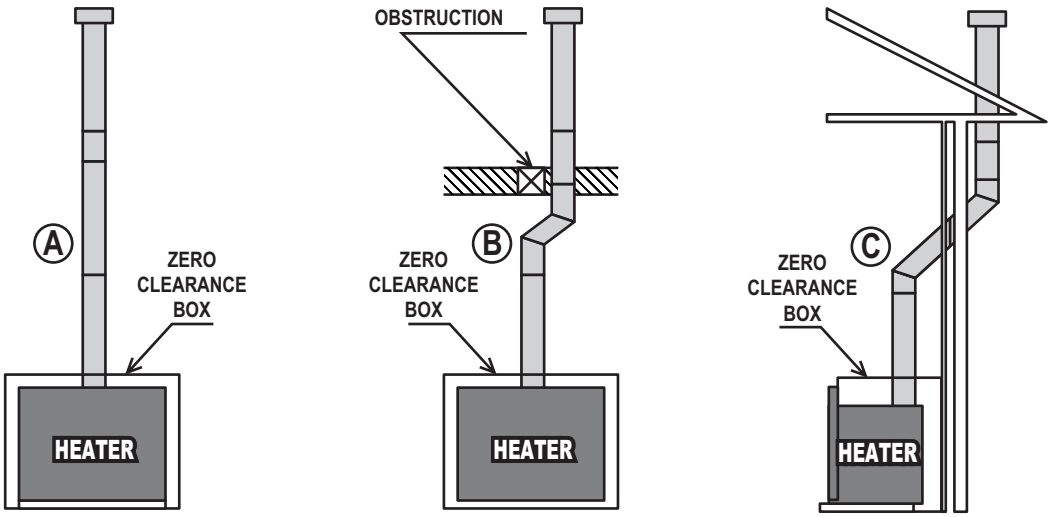
Rinnai understands that not all households have existing masonry fireplaces which previously limited the products available for installation. Rinnai offers the option of installing the Slimfire into a decorative fireplace in single storey or two storey home. All you need is a flat wall which can be either external or internal wall and a zero clearance box. A Rinnai Rigid flue **MUST** also be installed (Part No. FLFKIT05 / FLFTWKIT). Flexible flue kits are not suitable.

The Zero clearance box can be installed hard against the combustible timber framework of the mock fireplace due to the air gap created beneath the appliance with the use of the plinth panel, and the air gap between the outer panel of the Flame fire and the Rinnai Zero clearance box. (Part No. ZEROR). Only this Zero clearance box must be used for these installations.

Rinnai Flame Fire Rigid Flueing allows the air to be drawn in through the louvres in the plinth panel, pass around the sides and back of the Flame Fire heater and be drawn away through the outer skin of the flue. The resulting air flow will keep the Zero clearance box panels at a safe operating temperature.

Refer to Rinnai Flueing Installation Manual for Rinnai Flame Fire Heaters for details of FLFKIT05 and FLFTWKIT in conjunction with Zero Clearance kit installation.

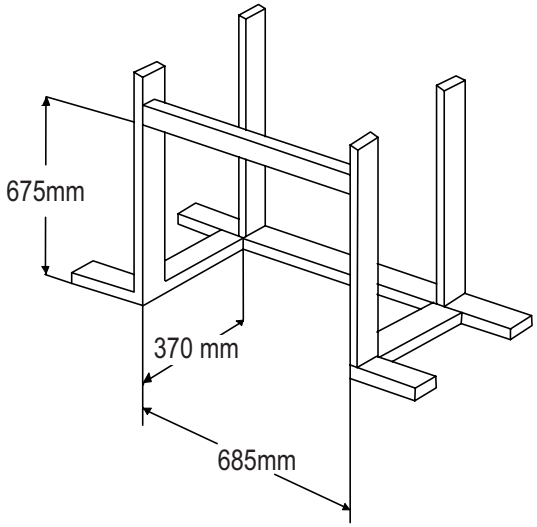
Available flueing options as follows:



Steps for Installation:

1. Determine the preferred location of the heater.
- Check roof space for any flue obstructions.

2. Construct frame in accordance with the dimensions shown:



3. Install Rinnai Zero Clearance Box (ZEROR)

- 'Zero clearance' means the panels of metal from the zero clearance box can be in contact with any combustible material.
- The hearth surface must be flat and level to support the zero clearance box.
  If the zero clearance box base is not properly supported noise and vibration may result.

Kit contains:

- Zero Box
- Supporting Plinth
- Complete decorative Surround
- Installation Instructions
- Complete decorative Surround
- Installation Instructions

4. Run gas supply.

   For details please see page 15.

5. Install Rinnai Flame Fire Rigid Flueing as per the instructions supplied with the flue kit, taking careful note of the following:

   Flue termination above the roof must comply with AS5601.

   Vertical flue length must be no less than 3.0 metres.

   The inner and outer flues must be supported independently of the heater to comply with AG5601.

6. Apply plaster and paint.

7. Assemble the plinth and base supports.
   Slide the plinth and base supports and heater into the zero clearance box, making sure the plinth is located correctly between the heater and the zero clearance box.
8. Slide the slip socket onto the inner flue spigot of the heater and tighten to seal. Refer flueing instructions for details.
9. Attach gas supply, purge supply of air and debris

   Note: All foreign materials such as filings must be purged from the gas supply, as before connection as they may damage the gas controls.

   NOTE: on completion of work a gas leak test must be carried out.
   Use a soapy solution on all gas connections. Leaks will be visible when the soapy solution forms bubbles.
   When finished wipe soapy solution with a rag to remove residue.

10. Install top decorative surround to face of fireplace.

11. **Log Installation** - for Log Installation details, please refer to page 16.

12. **Commissioning** - for Commissioning details, please refer to page 17.

Vertical Twin Skin Single Storey Flue Kit 05

Order code: **FLFKIT05**
Contains:

- 2 x 900mm Powder Coated Twin Skin Flue Pipes

- 1 x 450mm Powder Coated Outer Flue

- 2 x 900mm Gal Inner Flue Pipes

- 1 x Powder Coated Ceiling Ring *

- 1 x Chimney cowl

- 1 x Sleeve Clamp

* item not required for use in zero clearance installations.

Alternately when installing a heater into a two storey premises use the following kit.

Thru-Wall Two Storey Flue Kit

Order code: **FLFTWKIT**

Contains:

- 1 x 900mm Powder Coated Twin Skin Flue Pipe

- 1 x 45× Black Twin Skin Offset and Wall Plate

- 1 x 45× Gal Twin Skin Offset and Wall Plate

- 4 x 1200mm Gal Twin Skin Pipe

- 1 x Gal Ceiling Plate

- 1 x Chimney cowl

- 1 x Sleeve Clamp

Note: Overall flue length approximately 6.3m

(plus height of appliance plus 765mm)

Maximum wall thickness 270mm

(Full installation instructions are supplied with all accessory kits).

CUSTOMER INFORMATION - INSTALLATION PROCEDURES

- **Preparation**

Refer to the Location and Flueing sections on pages 10-12 to make sure the decorative fireplace cavity is suitable for installation before continuing.

Place the heater on a flat surface.

Remove the three screws holding the front fascia in place. (1)

Pull the bottom of the facia forward until clear of the gas control buttons and lift up to remove from frame.

Remove the two screws holding the top glass retainer in place and lift off glass retainer. (2)

Loosen the two screws holding the lower glass retainer in place and remove glass panel. (3)

Remove the barrel elbow from the gas connection bracket on the base of the heater at the front right hand side. Make sure that the gas flare fitting and gas supply pipe are clean and free of damage and fit together ready for fitting to the heater. (4)

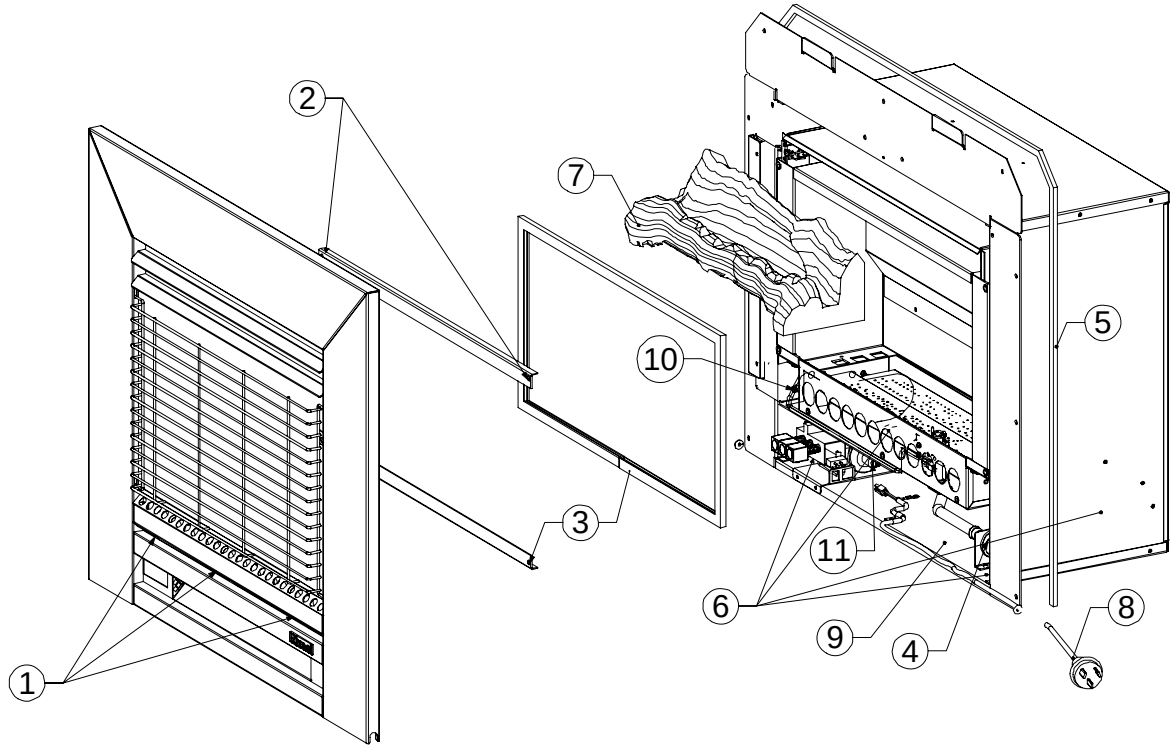
- **Installation**

For installation into a non-combustible fire place the foam strips supplied must be attached to the heater as shown (5) to provide a seal around the fire place (if this does not provide adequate seal an alternative must be used).

Insert the heater into the cavity. Take care when inserting the gas supply tube into the heater not to damage the tube or any of the components inside the heater.

There are four levelling screws (6) in the base of the heater held in place with locknuts. If the heater does not sit flat when in place, it may be necessary to adjust these. The front screws are accessible with the front of the heater removed. If adjustment of the rear feet is required the burner assembly and gas control will need to be removed.

Once the heater is sitting flat attach it to the wall using the four holes (two per side) in the front flanges.



INSTALLERS INFORMATION - GAS CONNECTION

- **Run gas supply**

  For pipe sizing, refer to your local gas installation codes. Copper supply should be run leaving a flared connection at the position shown.

- **Purge supply of air and debris**

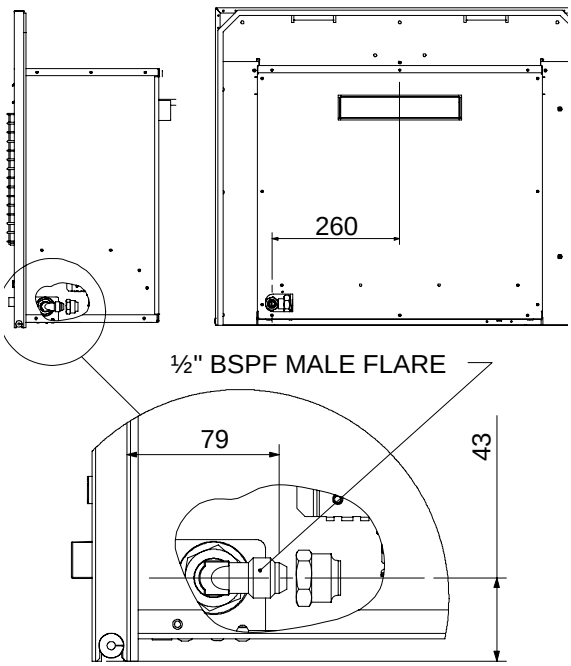
  All foreign materials such as filings must be purged from the gas supply, as they may cause the gas control valve to malfunction.

- **Fit heater into place**

  When the heater is in place and properly secured, attach the gas supply to the supplied barrel union and tighten.

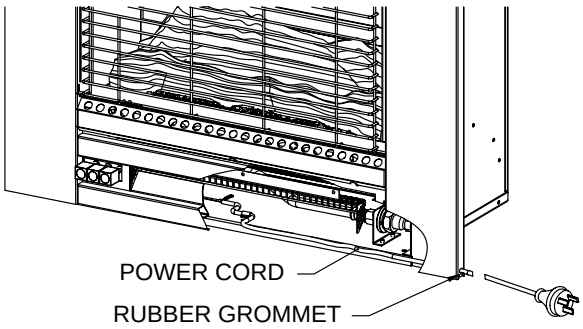
NOTE: On completion of work a gas leak test must be carried out.

Use a soapy solution on all gas connections. Leaks will be visible when the soapy solution forms bubbles. When finished, wipe soapy solution with a rag to remove residue.



INSTALLERS INFORMATION - ELECTRICAL CONNECTION

The heater has a power cord with a three pin plug supplied. The power cord passes through the slot in the lower left or right hand side of the heater front assembly.
Rinnai recommends that the heater be plugged into a 240V,10A earthed power point. The power point must be a minimum of 300 mm to the side of the heater (it must not be above the heater). Alternatively - unit can be direct wired if the power supply is to be concealed.



Consult a qualified electrican if direct wiring is required. As it must comply to AS5601.

INSTALLERS INFORMATION - LOG INSTALLATION

Step. 1: Preparation of the Logset

Remove the logset and granule packet from their packaging.

To achieve the correct location of the Logset, hold the Logset as shown (Fig. 1).

Fig. 1

Step. 2: Initial positioning, locating the Logset in the combustion chamber

Tilt the back of the Logset upwards locating the front feet (1.) behind the unpainted inner horizontal steel lip (2.) (Fig. 2).

Ensure the Logset sides do not touch the combustion chamber panel walls.

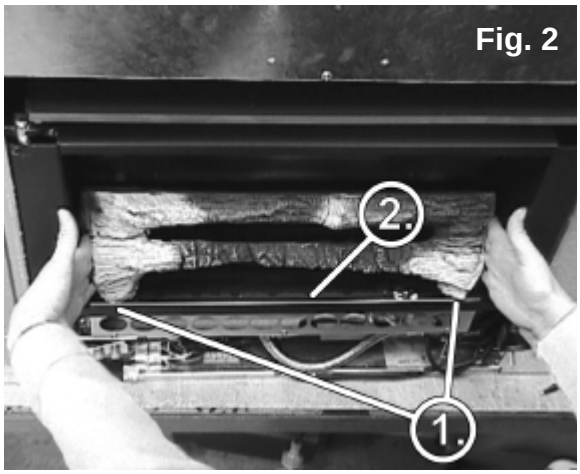


Fig. 2

Step. 3: Final positioning, setting the Logset into the combustion chamber

Rotate the back of the Logset down using the location of the front feet (3.) as pivot points (Fig. 3).

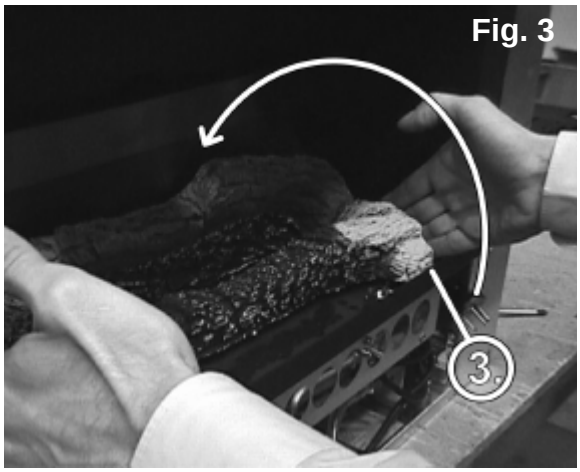


Fig. 3

Step. 4: Correct Logset installation

This image illustrates how a correctly installed Logset will look on completion (Fig. 4).

Step. 5 Adding granules

Carefully PLACE (do not pour) sufficient granules onto the front burner only. Avoid pushing the granules under the log or spilling over the front of the burner.

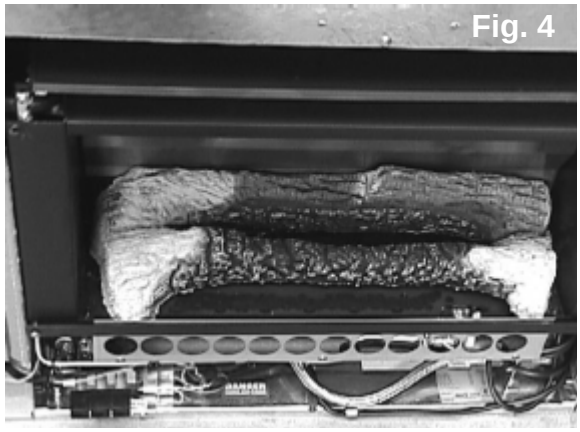


Fig. 4

Step. 6 Replacing Glass

Replace the glass ensuring the joint in the glass sealing tape is at the bottom.

INSTALLERS INFORMATION - TESTING & COMMISSIONING

Testing Procedure

Turn gas supply on and plug the unit into the power supply. **(Caution: 240V).**

To check burner pressure

- Refer to Data Plate; the Technical Specification section in this manual.
- Remove front cover panel.
- Remove test point screw and attach manometer to test point, the test point is on the front injector block.
- Light heater, turn to High heat setting and check pressure.
- If adjustments are necessary, the regulator is situated on the front of the gas control and should be set to the pressures on the data-plate.
- After checking pressure, turn the unit off, remove manometer and replace test point screw.
- Turn the heater on and off a few times to check ignition.
- When you are satisfied that the heater is working correctly, reassemble panels.
- All burner aerations are factory preset and cannot be adjusted.
- If you are unable to get the unit to operate correctly, refer to Troubleshooting on page 5 before contacting your local service contacts on the back page.
- It may take approximately 2 hours of operation for the logs to achieve their full flame pattern and glow.
- During the initial burning in period, some smoke and smell may be experienced, the heater should be run on the high position in a well ventilated room until these dissipate.

It is the responsibility of the installer to check that under normal operating conditions of the appliance, all flue gases are exhausted to the outside atmosphere and that there is no spillage of combustion gases into the room. Please refer to AS 5601.

- **Commissioning**

Installation and Commissioning Checklist

Complete the installation checklist and the installer details on page 20 and make sure that this instruction book is left with the customer.

Instruct Customer on the use of unit

The guard on this appliance conforms to A.G.A. requirements. It is designed to prevent the risk of injury from burns and no part of it should be permanently removed. IT DOES NOT GIVE FULL PROTECTION TO YOUNG CHILDREN OR THE INFIRM.

2.1.23 A primary guard shall be fitted in the following circumstances:

a) To all external surfaces which fail the fabric drape test (see Clause 3.3.4).

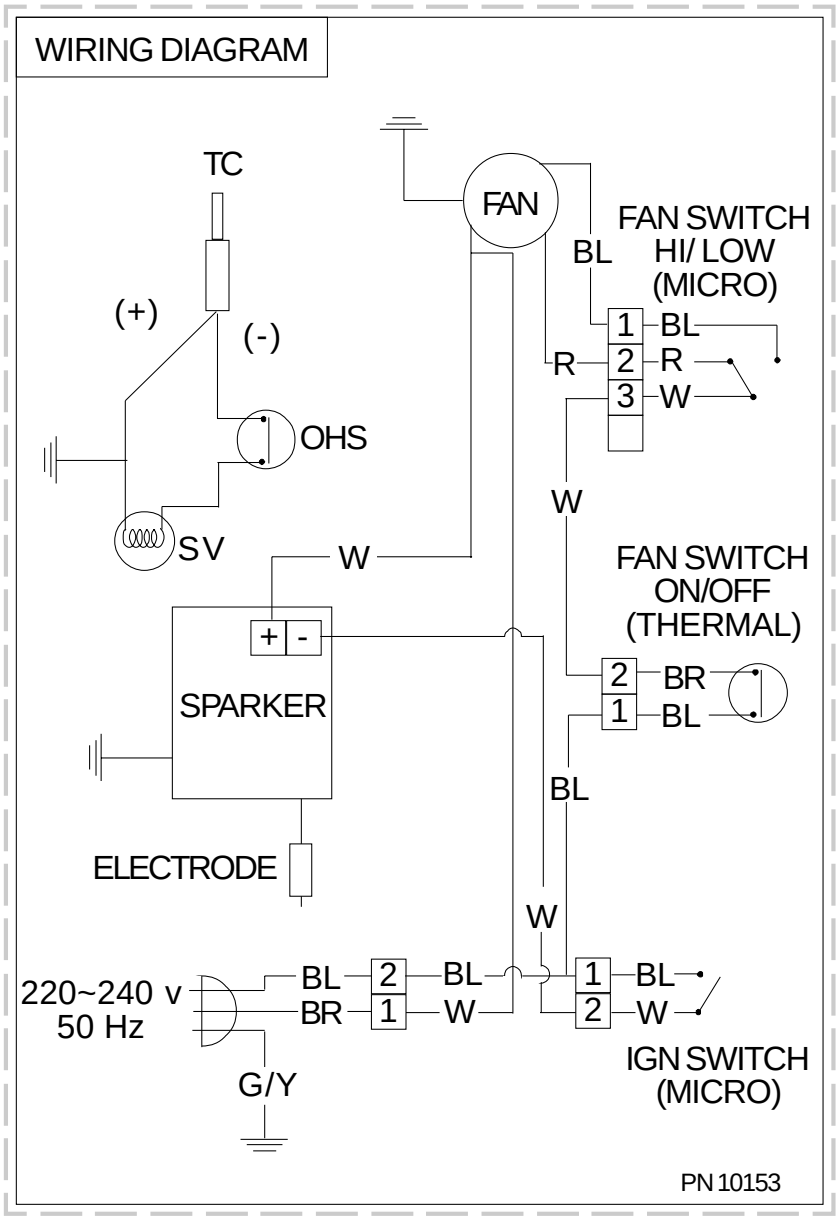
b) To all external surfaces which during operation reach a temperature in excess of 95°C above ambient, except working surfaces and surfaces within 25 mm of a working surface.

c) To all heat sources and external surfaces within 25 mm of working surfaces which during operation reach a temperature in excess of 200°C above ambient.

d) To all working surfaces with an open area less than 85% of the total area of the working surface, which during operation reach a temperature in excess of 200°C above ambient.

The manufacturer reserves the right to change or modify specifications without notice.

INSTALLERS INFORMATION - WIRING DIAGRAM



R	RED
BL	BLUE
BR	BROWN
W	WHITE
G/Y	GREEN YELLOW

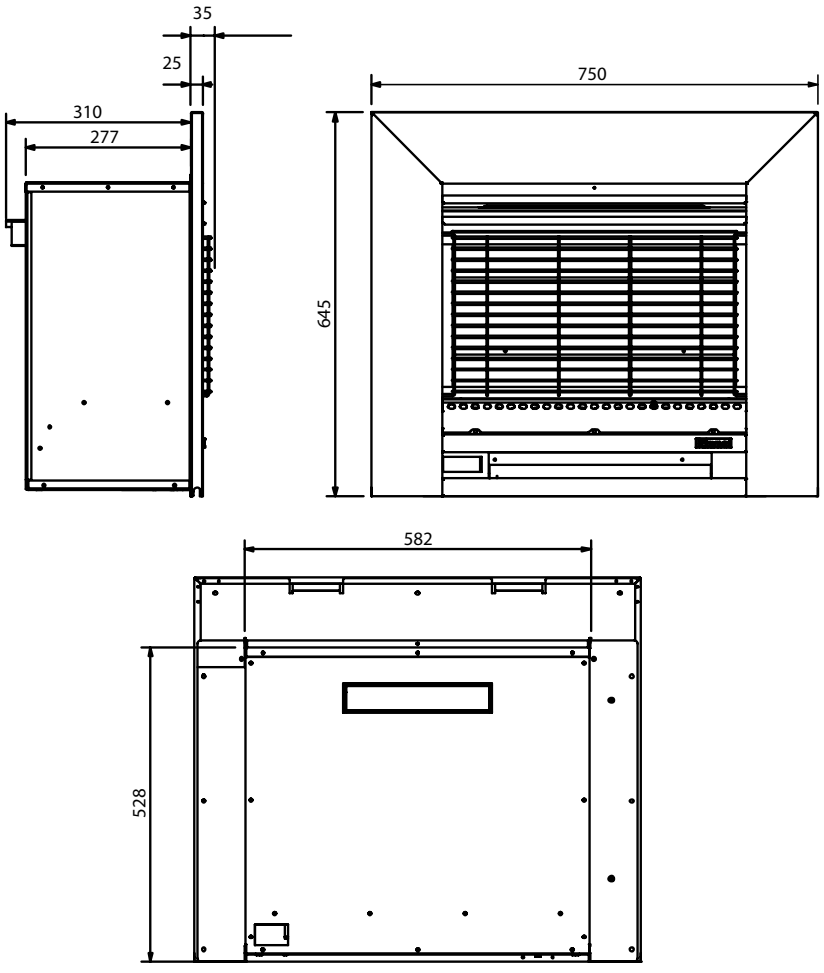
OHS	OVER HEAT SWITCH
SV	SOLENOID VALVE
TC	THERMOCOUPLE

If the supply cord is damaged or requires replacing, it must be replaced by the manufacturer or the manufacturers agent or similarly qualified person in order to avoid a hazard. The supply cord must only be replaced with a genuine Rinnai spare part.

TECHNICAL SPECIFICATION

		Natural Gas	Propane
Gas input rate:			
	Pilot / front:	7.7 MJ/hr	9 MJ/hr
	Medium:	14.2 MJ/hr	15.8 MJ/hr
	High:	25 MJ/hr	25 MJ/hr
	Low:	8 MJ/hr	9 MJ/hr
Burner Pressure:	High:	0.92 kPa	2.0 kPa
Gas Connection:	1/2” BSPF male flare to barrel union		
Flue terminal:	43 x 245 rear discharge		
Fan:	Tangential 2 speed, power rating 28 Watts		
Combustion system	Multi port burner		
Logs:	Ceramic		
Ignition system:	Continuous spark electronic ignition		
Operation:	Push button to light pilot and burners		
Safety Devices:	Flame failure thermocouple Overheat Bi-metal strip / Fan delay Bi-metal strip		
Combustion method:	Naturally aspirated burner		
Installation type:	Inbuilt only		
Flue requirement:	Can be flued directly into a sealed chimney as per AS 5601 or fitted with a Rinnai approved flue system		

INSTALLERS INFORMATION - DIMENSIONS



INSTALLATION / COMMISSIONING CHECKLIST

(To be completed by certified Gas Installer)

Model: _____

	NO	YES
1. Was a fireplace inspection carried out? (i.e. clearances, combustibles etc).	☐	☐
2. Was a Rinnai flue system installed in accordance with the instructions	☐	☐
3. Has specified gas pressures been checked and set?	☐	☐
4. Are decorative logs located correctly?	☐	☐
5. Have ember granules been placed and free of dust and powder?	☐	☐
6. Has the appliance been test fired for correct operation? (All Burners light without delay)	☐	☐
7. Is the end-user fully aware of operating procedure?	☐	☐

INSTALLERS / GAS FITTER DETAILS

Company name: _____

Installers name: _____

Address: _____

_____

_____

Phone: _____ Mobile:_____

Certificate of Compliance / Certification Number:_____
(* where applicable)

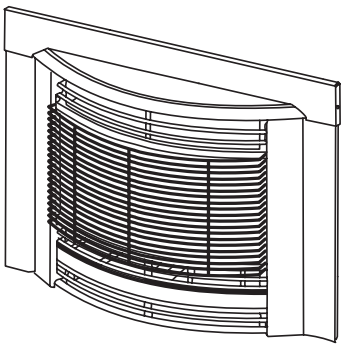
Authorised Persons – Licence Number: _____

Signed:_____ Date:_____

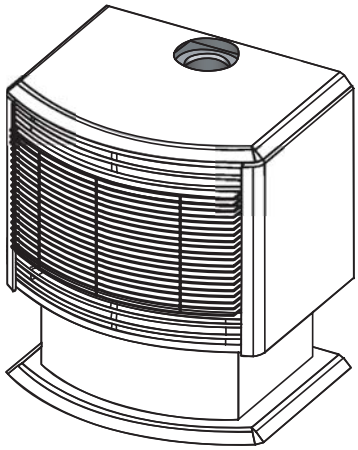
CUSTOMER CONTACTS

Rinnai

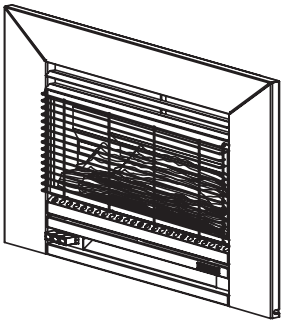
The Rinnai Flame Fire Heater Family



Inbuilt Royale
IB35 / IB35ETR



Freestanding Royale
FS35 / FS35ETR



Inbuilt Slimfire
IB25

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Internet: www.rinnai.com.au E-mail: enquiry@rinnai.com.au

National Help Line

Spare Parts & Technical Info
Tel: 1300 366 388*
Fax: 1300 300 141*
**Cost of a local call Higher from mobile or public phones.*

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